OIPE JC151
MAR 2 6 2004
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Creutz, *et al.*

Appl. No.: 10/683,867

Filed: October 14, 2003

For: **Continuous Hydrogenation Process**

Art Unit: to be assigned

Examiner: to be assigned

Atty. Dkt.: 7601/80558

Information Disclosure Statement

Commissioner of Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, **MS Missing Parts**
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Some of these documents were cited in the International Search Report for the corresponding international application, PCT/EP03/10557 (copy attached). Copies of the listed documents are also enclosed.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned attorney submits the following concise explanation of the relevance of the non-English language documents cited on the accompanying form:

Reference AF1, European patent document no. EP 0 111 133, describes hydrogen peroxide production by the anthraquinone process. The production procedure uses a meandering tube reactor with high flow velocity for hydrogenation. An English language abstract of this document is cited on the accompanying list of references as document AN1. In addition, a counterpart United States patent (U.S. 4,428,923) is enclosed and is included in the accompanying list of references as document AB1.

Reference AH1, European patent document no. EP 0 812 297, describes an "on site" hydrogen peroxide production plant for use in conjunction with a paper mill. The hydrogen peroxide is produced by the auto-oxidation of an anthraquinone derivative. An English language abstract of this document is cited on the accompanying list of references as document AO1.

Reference AI1, German patent document no. DE 100 52 323, describes a method for improving the efficiency of a continuous catalytic hydrogenation such as in the anthraquinone process for hydrogen peroxide production. The method involves mixing the hydrogen and the hydrogenation substrate before they enter into the reactor. An English language abstract of this document is cited on the accompanying list of references as document AP1. In addition, a counterpart published United States patent application (U.S. 2002-0052532) is enclosed and is included in the accompanying list of references as document AC1.

Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

Applicants do not believe any fees are due for the submission of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency to our Deposit Account No. 06-1135 under Order No. 7601/80558.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

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LIST OF REFERENCES CITED BY APPLICANT *(Use several sheets if necessary)*	Atty. Docket No.: 7601/80558	Appl No.: 10/683,867
	Applicant(s) Creutz, *et al.*	
	Filing Date: October 14, 2003	Group: to be assigned

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA 1	6,150,564	Nov. 21, 2000	Bröcker, *et al.*	568	462	Mar. 25, 1999
	AB 1	4,428,923	Jan. 31, 1984	Kunkel, *et al.*	423	588	Nov. 9, 1982
	AC 1	2002-20052532	May 2, 2002	Korl, *et al.*	585	250	Oct. 19, 2001
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Abst./Trans.	
							Yes	No
	AF 1	EP 0 111 133	Jun. 20, 1984	EPO	C01B	15/023	X	
	AG 1	EP 0 384 905	Aug. 29, 1990	EPO	C01B	15/023		
	AH 1	EP 0 812 297	Dec. 17, 1997	EPO	C01B	15/023	X	
	AI 1	DE 100 52 323	May 2, 2002	Germany	C01B	15/022	X	
	AJ							
	AK							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AL 1	*Ullmann's Encyclopedia of Industrial Chemistry*, Vol. A13:447-456 (1989).
	AM1	Laporte Chemicals, *Chemical & Process Engineering*, pp. 5-6 (1/1959).
	AN 1	English language abstract for EP 0 111 133, Reference AF1 above.
	AO 1	English language abstract for EP 0 812 297, Reference AH1 above.
	AP 1	English language abstract for DE 100 52 323, Reference AI1 above.
	AQ	
	AR	
	AS	

Examiner	Date Considered